

Marilena Mitrouli

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Variable selection in saturated and supersaturated designs via l_p - l_q minimization. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2023, 52, 4326-4347.	1.2	8
2	Numerical methods for estimating the tuning parameter in penalized least squares problems. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2022, 51, 1542-1563.	1.2	4
3	The application of regularisation to variable selection in statistical modelling. <i>Journal of Computational and Applied Mathematics</i> , 2022, 404, 113884.	2.0	8
4	A Multidimensional Principal Component Analysis via the C-Product Golub-Kahan SVD for Classification and Face Recognition. <i>Mathematics</i> , 2021, 9, 1249.	2.2	8
5	Estimating the Quadratic Form $x^T A^{-1} x$ for Symmetric Matrices: Further Progress and Numerical Computations. <i>Mathematics</i> , 2021, 9, 1432.	2.2	3
6	Solving High-Dimensional Problems in Statistical Modelling: A Comparative Study. <i>Mathematics</i> , 2021, 9, 1806.	2.2	4
7	Condition estimation for regression and feature selection. <i>Journal of Computational and Applied Mathematics</i> , 2020, 373, 112212.	2.0	6
8	The e-MoM approach for approximating matrix functionals. <i>Journal of Computational and Applied Mathematics</i> , 2020, 373, 112243.	2.0	2
9	Efficient estimates in regression models with highly correlated covariates. <i>Journal of Computational and Applied Mathematics</i> , 2020, 373, 112416.	2.0	1
10	Fast estimates for the diagonal of the inverse of large scale matrices appearing in applications. <i>Journal of Computational and Applied Mathematics</i> , 2019, 355, 91-105.	2.0	1
11	Estimating the diagonal of matrix functions. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 1083-1088.	2.3	5
12	Embedding and Extension Properties of Hadamard Matrices Revisited. <i>Special Matrices</i> , 2018, 6, 155-165.	0.5	1
13	Estimates for the generalized cross-validation function via an extrapolation and statistical approach. <i>Calcolo</i> , 2018, 55, 1.	1.1	8
14	Aitken's method for estimating bilinear forms arising in applications. <i>Calcolo</i> , 2017, 54, 455-470.	1.1	6
15	Structured Matrix Methods Computing the Greatest Common Divisor of Polynomials. <i>Special Matrices</i> , 2017, 5, 202-224.	0.5	2
16	Approximate least common multiple of several polynomials using the ERES division algorithm. <i>Linear Algebra and Its Applications</i> , 2016, 511, 141-175.	0.9	0
17	Estimation of the bilinear form $y^T f(A)x$ for Hermitian matrices. <i>Linear Algebra and Its Applications</i> , 2016, 502, 140-158.	0.9	12
18	Blind image deconvolution using a banded matrix method. <i>Numerical Algorithms</i> , 2013, 64, 43-72.	1.9	6

#	ARTICLE	IF	CITATIONS
19	On the complete pivoting conjecture for Hadamard matrices: further progress and a good pivots property. Numerical Algorithms, 2013, 62, 571-582.	1.9	5
20	Moments of a linear operator, with applications to the trace of the inverse of matrices and the solution of equations. Numerical Linear Algebra With Applications, 2012, 19, 937-953.	1.6	18
21	overflow= scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/table-struct/dtd" style="display: inline-block; vertical-align: middle;"> <p>A sign test for detecting the equivalence of Sylvester Hadamard matrices. Numerical Algorithms, 2011, 57, 169-186.</p>	0.9	2
22	A sign test for detecting the equivalence of Sylvester Hadamard matrices. Numerical Algorithms, 2011, 57, 169-186.	1.9	5
23	Numerical and Symbolical Methods for the GCD of Several Polynomials. Lecture Notes in Electrical Engineering, 2011, , 123-144.	0.4	1
24	Some remarks on Hadamard matrices. Cryptography and Communications, 2010, 2, 293-306.	1.4	3
25	On rank and null space computation of the generalized Sylvester matrix. Numerical Algorithms, 2010, 54, 297-324.	1.9	7
26	The growth factor of a Hadamard matrix of order 16 is 16. Numerical Linear Algebra With Applications, 2009, 16, 715-743.	1.6	14
27	Compound matrices: properties, numerical issues and analytical computations. Numerical Algorithms, 2009, 50, 155-177.	1.9	1
28	On the pivot structure for the weighing matrix $W(12,11)$. Linear and Multilinear Algebra, 2007, 55, 471-490.	1.0	4
29	Evaluation of minors associated to weighing matrices. Linear Algebra and Its Applications, 2007, 426, 774-809.	0.9	7
30	A Hybrid Approach for Normal Factorization of Polynomials. Lecture Notes in Computer Science, 2006, , 399-406.	1.3	0
31	Estimation of the Greatest Common Divisor of many polynomials using hybrid computations performed by the ERES method. Applied Numerical Analysis and Computational Mathematics, 2005, 2, 293-305.	0.6	4
32	System theoretic based characterisation and computation of the least common multiple of a set of polynomials. Linear Algebra and Its Applications, 2004, 381, 1-23.	0.9	4
33	The maximal determinant and subdeterminants of $\hat{A} \pm 1$ matrices. Linear Algebra and Its Applications, 2003, 373, 297-310.	0.9	14
34	Numerical Computation of the Least Common Multiple of a Set of Polynomials. Reliable Computing, 2000, 6, 439-457.	0.8	11
35	Computation of the GCD of polynomials using gaussian transformations and shifting. International Journal of Control, 1993, 58, 211-228.	1.9	39
36	An Eigenvalue Approach For Estimating The Generalized Cross Validation Function For Correlated Matrices. Electronic Journal of Linear Algebra, 0, 35, 482-496.	0.6	4